GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:1255
ANSWERED ON:23.11.2016
Cost Effectiveness of Nuclear Power Plants
Choudhary Col. (Retd) Sona Ram

Will the Minister of ATOMIC ENERGY be pleased to state:

(a)whether any study has been made as to the cost effectiveness of nuclear power plants vis-a-vis renewable sources of energy like solar, wind, etc.;

(b)if so, the outcome thereof and the decision taken in this regard, and

(c)if not, the reasons therefor?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

(a)Nuclear power is a base load source of electricity generation (available 24X7) unlike renewable energy sources like solar, wind etc., which are intermittent and also location specific. However, a detailed analysis of the viability of each nuclear power project is carried out as a part of the project proposal while seeking financial sanction from the Government.

(b)Nuclear power is clean with lifecycle greenhouse gas emissions comparable to renewables and has huge potential to provide long term energy security for the country in a sustainable manner. Pursuing expansion of nuclear energy is therefore part of India's energy strategy.

(c)Does not arise.

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